

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Amended) A medical robotic system, comprising:

a first medical device;

a first input device that can be moved a first input distance to move said first medical device;

a second input device that can be moved a ~~[[n]]~~ second input distance to move said first medical device, wherein the second input distance is greater than the first input distance by an amount; and,

a feedback device that provides a greater force feedback to the first input device than to the second input device, the greater force feedback indicating the amount of an indication ~~of a~~ difference between the first and second input distances.

Claims 2-5 (Canceled).

6. (Previously presented) The system of claim 1, wherein said first input device includes a first handle and said second input device includes a second handle.

7. (Original) The system of claim 1, further comprising a communication interface that couples said first and second input devices to said first medical device.

8. (Original) The system of claim 7, wherein said first medical device includes a robotic arm coupled to a medical instrument.

9. (Original) The system of claim 1, wherein said first input device includes a switch that allows said first input device to assume sole control of said first medical device.

10. (Amended) The system of claim 1, wherein said feedback device ~~[[arbitrator]]~~ includes a computer.

11. (Amended) A medical robotic system, comprising:

a first medical device;

first input means that can be moved a first input distance for moving said first medical device;

second input means that can be moved a second input distance for moving said first medical device wherein the second input distance is greater than the first input distance by an amount; and,

feedback means for providing a greater force feedback to the first input device than to the second input device, the greater force feedback indicating the amount of an indication of a difference between the first and second input distances.

Claims 12-15 (Canceled).

16. (Original) The system of claim 11, wherein said first input means includes a handle and said second input means includes a handle.

17. (Original) The system of claim 11, further comprising a communication means for remotely coupling said first and second input devices to said first medical device.

18. (Original) The system of claim 17, wherein said first medical device includes a robotic arm coupled to a medical instrument.

19. (Original) The system of claim 11, wherein said first input means includes a switch that allows said first input means to assume sole control of said first medical device.

20. (Previously Presented) The system of claim 11, further comprising arbitrator means for arbitrating control of said first medical device between said first input means and said second input means.

21. (Amended) A method for controlling a first medical device, comprising:
moving a first input device a first input distance to move a first medical device;
moving a second input device a second input distance to move the first medical device, wherein the second input distance is greater than the first input distance by an amount;
and,

generating a greater force feedback to the first input device than to the second input device, the greater force feedback indicating the amount of an indication of a difference
between the first and second input distances.

Claim 22 (Canceled).

23. (Amended) The method of claim 21, ~~wherein~~ further comprising transmitting force feedback data from the first medical device to the second input device through a communication port.

Claims 24-35 (Canceled).

36. (New) A medical robotic system, comprising:
a first medical device;
a first input device that can be moved a first input distance to move said first medical device;
a second input device that can be moved a second input distance to move said first medical device; and,
a feedback device that provides a visual feedback indicating a difference between the first and second input distances.

37. (New) The system of claim 36, further comprising a communication interface that couples said first and second input devices to said first medical device.

38. (New) The system of claim 37, wherein said first medical device includes a robotic arm coupled to a medical instrument.

39. (New) The system of claim 36, wherein said first input device includes a switch that allows said first input device to assume sole control of said first medical device.

40. (New) A medical robotic system, comprising:
a first medical device;

first input means that can be moved a first input distance for moving said first medical device;

second input means that can be moved a second input distance for moving said first medical device; and,

feedback means for providing a visual feedback indicating a difference between the first and second input distances.

41. (New) The system of claim 40, further comprising a communication means for remotely coupling said first and second input devices to said first medical device.

42. (New) The system of claim 41, wherein said first medical device includes a robotic arm coupled to a medical instrument.

43. (New) The system of claim 40, wherein said first input means includes a switch that allows said first input means to assume sole control of said first medical device.

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44. (New) The system of claim 40, further comprising arbitrator means for arbitrating control of said first medical device between said first input means and said second input means.